

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

**AMENDMENTS TO THE CLAIMS:**

The following listing of claims supersedes all prior versions and listings of claims in this application:

1. (Currently Amended) A method to create within a computer system, an association between the appearance of a physical [[token]] memento object which is not part of a user's body and one or more stored files, said method comprising:
  - measuring physical parameters of said physical [[token]] memento object which is not part of a user's body;
  - creating a [[token]] memento object identity from the obtained measurements, which [[token]] memento object identity is based on abstract consistent and repeatable measurements without requiring recognition of specific elements of the object being measured;
  - storing said electronic identity in an identity store; and
  - associating said one or more stored files with said [[token]] memento object identity.

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

2. (Currently Amended) A method to create within a computer system, an association between the appearance a physical [[token]] memento object which is not part of a user's body and information of the location of one or more files, said method comprising:

measuring physical parameters of said physical [[token]] memento object which is not part of a user's body;

creating a [[token]] memento object identity from the obtained measurements, which [[token]] memento object identity is based on ~~abstract~~ consistent and repeatable measurements without requiring recognition of specific elements of the object being measured; and

storing said electronic identity in an identity store; and  
associating said [[token]] memento object identity with said information of the location of one or more files.

3. (Currently Amended) A method to retrieve one or more stored files within a computer system, by use of a stored [[token]] memento object identity created from measuring physical parameters of a physical [[token]] memento object which is not part of a user's body, where said [[token]] memento object identity is associated with said one

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

or more stored files, which [[token]] memento object identity is based on abstract consistent and repeatable measurements without requiring recognition of specific elements of the object being measured, said method comprising:

creating a subsequent identity for said [[token]] memento object by again measuring said physical parameters of said [[token]] memento object which is not part of a user's body;

searching for between a match [[for]] between said subsequent identity and said [[token]] memento object identity; and upon the location of a match, retrieving said one or more stored files which are associated with said stored [[token]] memento object identity.

4. (Currently Amended) A method to create within a computer system, an association between physical parameters of a physical [[token]] memento object and one or more stored files for the purpose of retrieving and presenting said one or more stored files, said method comprising:

measuring physical parameters of said [[token]] memento object which is not part of a user's body;

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

creating a [[token]] memento object identity from the obtained measurements, which [[token]] memento object identity is based on ~~abstract~~ consistent and repeatable measurements without requiring recognition of specific elements of the object being measured;

storing said [[token]] memento object identity in an identity store; associating within said computer system, said stored file with said [[token]] memento object identity;

subsequently measuring said physical parameters of said [[token]] memento object which is not part of a user's body;

creating a subsequent identity for said [[token]] memento object using subsequent measurement data obtained from said subsequent measurement;

searching in said identity store for a match with said subsequent identity; upon the location of a match, retrieving said one or more stored files; and presenting said retrieved file to a user.

5. (Currently Amended) A method according to claim 1, wherein said parameters of said [[token]] memento object comprise the size and/or shape and/or color of said [[token]] memento object.

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

6. (Currently Amended) A method according to claim 1, wherein said [[token]] memento object identity is a single object identification profile created from measurements of said parameters and one or more other physical characteristics of said [[token]] memento object, which memento object is not itself imaged in any of the stored files associated therewith.

7. (Currently Amended) A method according to claim 6, wherein a measurement of the weight of said [[token]] memento object is used in the creation of said [[token]] memento object identity.

8. (Currently Amended) A method according to claim 1, wherein measurement data of said parameters and/or one or more other physical characteristics of is prioritized in the creation of said [[token]] memento object identity, by ascribing to each a value relative to each other.

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

9. (Currently Amended) Apparatus to create within a computer system, an association between the appearance a physical [[token]] memento object and one or more stored files said apparatus comprising:

measuring means by which physical parameters of said [[token]] memento object are measured which is not part of a user's body;

processing means to create a [[token]] memento object identity from measurement data obtained by said measuring means, which [[token]] memento object identity is based on ~~abstract~~ consistent and repeatable measurements without requiring recognition of specific elements of the object being measured;

an identity store to store said [[token]] memento object identity;

a file store to store said one or more files; and

means to associate said [[token]] memento object identity and said files.

10. (Currently Amended) Apparatus to create within a computer system, an association between the appearance a physical [[token]] memento object and information of the location of one or more files, said apparatus comprising:

measuring means by which physical parameters of said [[token]] memento object are measured separately from any part of a user's body;

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

processing means to create a [[token]] memento object identity from measurement data obtained by said measuring means, which [[token]] memento object identity is based on abstract consistent and repeatable measurements without requiring recognition of specific elements of the object being measured;  
an identity store to store said [[token]] memento object identity;  
a location information store to store said file location information; and  
means to associate said [[token]] memento object identity and said file location information.

11. (Currently Amended) Apparatus to retrieve within a computer system, one or more stored files by use of a [[token]] memento object identity created from measuring physical parameters of a physical [[token]] memento object, where said [[token]] memento object identity is associated with said one or more stored files, said apparatus comprising:

measuring means by which physical parameters of said [[token]] memento object are measured separately from any part of a user's body;  
means to create a subsequent identity for said [[token]] memento object from measurement data obtained from said measuring means, which [[token]] memento object

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

identity is based on ~~abstract~~ consistent and repeatable measurements without requiring recognition of specific elements of the object being measured;

means to search for a match for said subsequent identity with said [[token]] memento object identity; and

means to retrieve said one or more stored files, based on the identification of a match or a partial match between said subsequent identity and said [[token]] memento object identity.

12. (Currently Amended) Apparatus to create within a computer system, an association between a physical [[token]] memento object and a stored file for the purpose of retrieving and presenting said stored file, said apparatus comprising:

measuring means by which physical parameters of said [[token]] memento object are measured separately from any part of a user's body on the first and subsequent occasions;

processing means to create a [[token]] memento object identity and a subsequent identity from measurement data obtained from said measuring means, which [[token]] memento object identity is based on ~~abstract~~ consistent and repeatable measurements without requiring recognition of specific elements of the object being measured;

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

an identity store to store said [[token]] memento object identity;  
a file store to store said files;  
means to associate said [[token]] memento object identity and said files;  
searching means to find a match with said subsequent identity in said identity  
store;  
means to retrieve files associated with said [[token]] memento object identity,  
based on the identification of a match or a partial match between said subsequent identity  
and said [[token]] memento object identity; and  
presentation means by which said retrieved files are presented to a user.

13. (Currently Amended) Apparatus according to claim 9, wherein said  
processing means performs the tasks of:

creating a [[token]] memento object identity and/or subsequent identity;  
associating said [[token]] memento object identity with said one or more files;  
searching to find a match with said subsequent identity; and/or  
retrieving said one or more files.

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

14. (Previously Presented) Apparatus according to claim 9, further including means to control the measuring environment.

15. (Original) Apparatus according to claim 14, wherein said control means is a light source.

16. (Previously Presented) Apparatus according to claim 9 taking a unitary form.

17. (New) A method according to claim 3 to retrieve one or more stored files within a computer system associated with all of a plurality of memento objects, by use of a plurality of stored memento object identities each created from measuring physical parameters of a respective one of said plurality of physical memento objects, wherein the method is iterated for each of the plurality of said memento objects.

18. (New) A method as in claim 1, wherein said physical memento object is a gift or found object in the possession of a user having permitted access to said stored files, said memento object being associated by said user with memories of an experience, event

Andrew P. GOWER, *et al.*  
Serial No. 10/540,256  
February 6, 2009

or special occasion such that subsequent exposure to the memento effects linkage to said memories.